

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Monday, April 30th 2018
As of 0900 CST

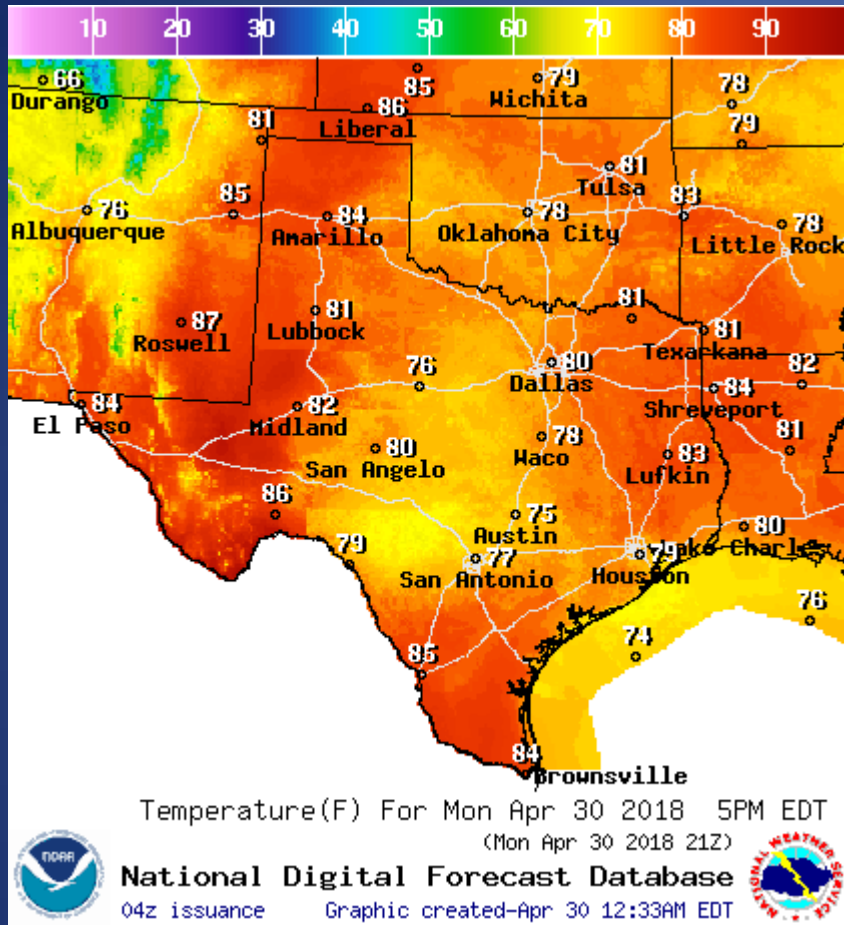
Incidents Reported to the State Operations Center (last 24 hours)

| DATE | EVENT / INCIDENT | LOCATION (City/County) | Final Report: Y/N |
|----------|--|---------------------------|-------------------------|
| 04/29/18 | Preliminary Earthquake Report (M2.7) SOUTHERN TEXAS 29.0 -97.8 (58136) 042918 | Karnes County | Y |

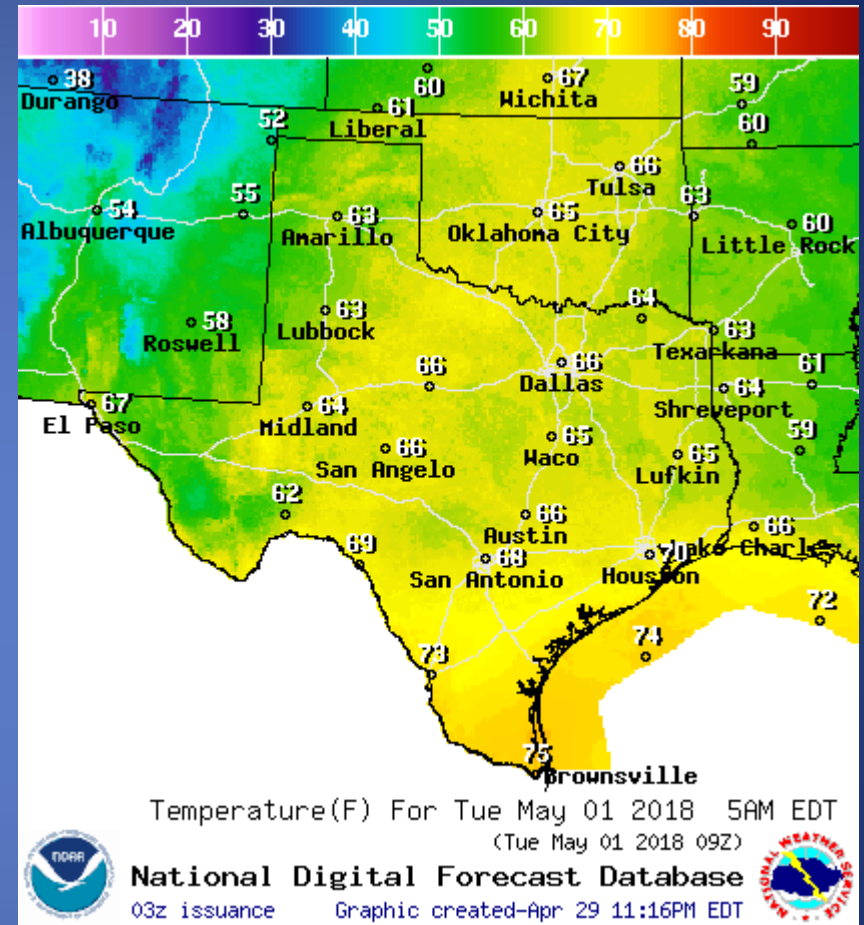
Informational Products Distributed by the State Operations Center

| DATE | SUBJECT |
|----------|---|
| 04/30/18 | Daily NWS Threat Brief for Monday, April 30, 2018 for FEMA Region 6 |
| 04/30/18 | R6 Daily Situation Awareness Brief |

Weather Forecast

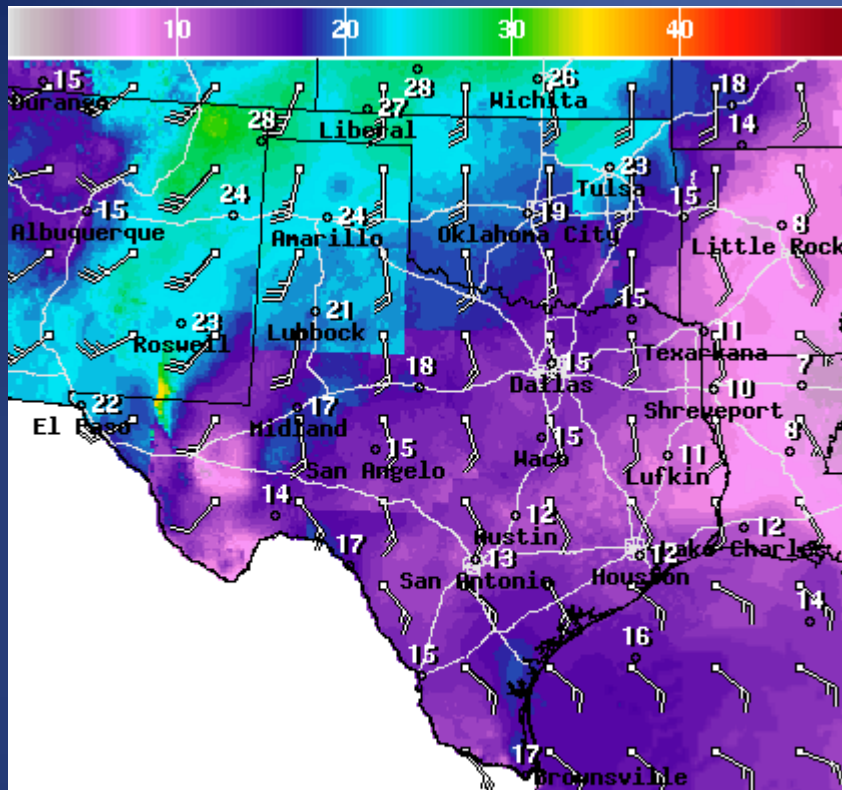


Highs



Lows

Weather Forecast



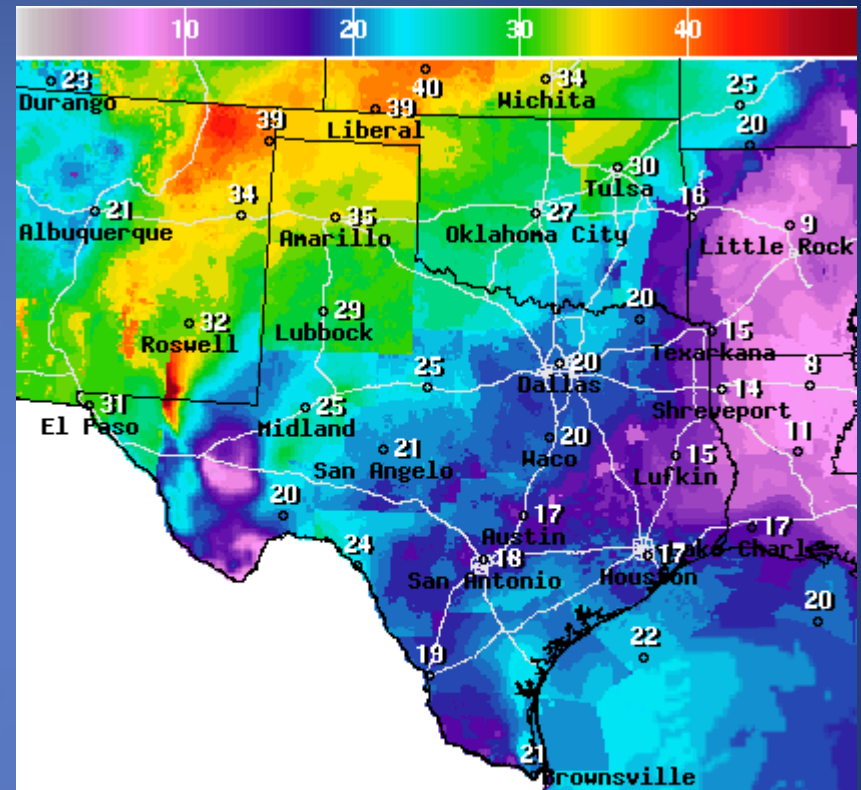
National Digital Forecast Database

03z issuance

Graphic created-Apr 29 11:33PM EDT



Wind Speeds



National Digital Forecast Database

03z issuance

Graphic created-Apr 29 11:35PM EDT



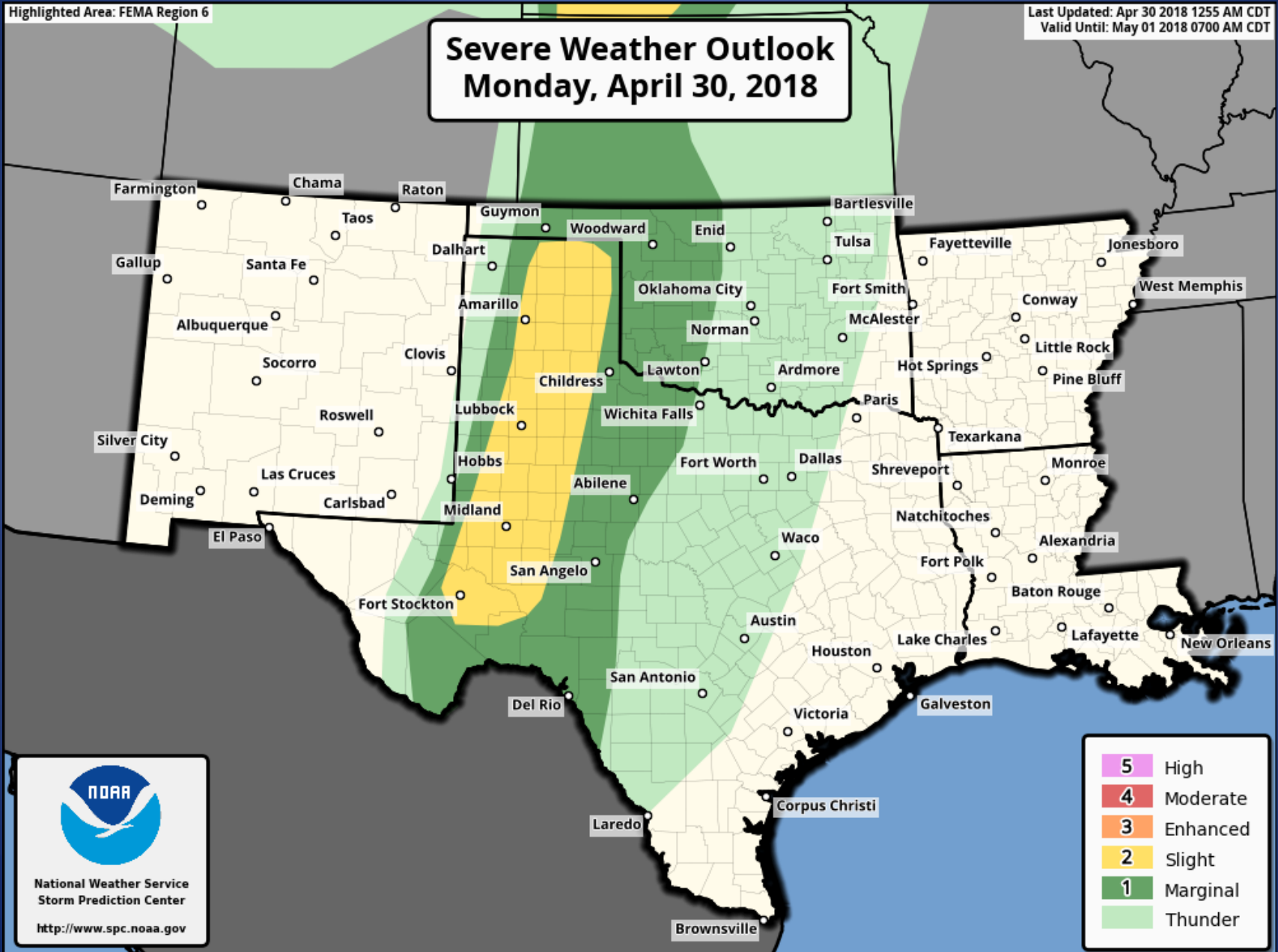
Gusts

Hazardous Weather

Highlighted Area: FEMA Region 6

Last Updated: Apr 30 2018 1255 AM CDT
Valid Until: May 01 2018 0700 AM CDT

Severe Weather Outlook Monday, April 30, 2018



National Weather Service
Storm Prediction Center

<http://www.spc.noaa.gov>

- | | |
|---|----------|
| 5 | High |
| 4 | Moderate |
| 3 | Enhanced |
| 2 | Slight |
| 1 | Marginal |
| | Thunder |

Hazardous Weather

Severe Storms Possible Late Today

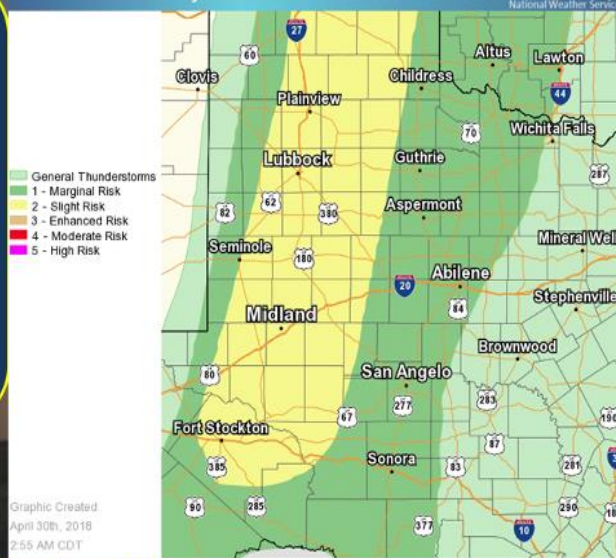
Isolated thunderstorms are possible late this afternoon and evening, mainly across our western counties.

Some of these thunderstorms become strong to severe.

Possible Storm Hazards:

Large Hail
Damaging winds
Deadly Lightning

Today's Severe Weather Outlook



Graphic Created:
April 30th, 2018
2:55 AM CDT

NWS San Angelo

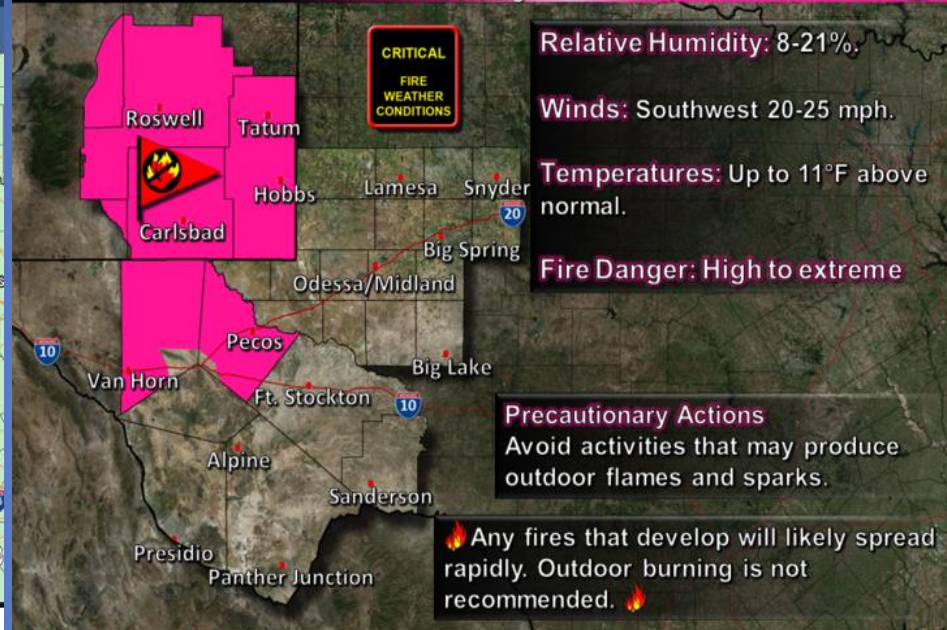
National Weather Service San Angelo, TX Updated: Apr 30 6:12 AM

Red Flag Warning

From noon MDT this afternoon to 7 PM MDT this evening

Weather Forecast Office
Midland/Odessa, TX

Issued April 30, 2018 4:17 AM CT



NWSMidland

weather.gov/maf

Isolated showers and thunderstorms are possible late this afternoon and evening, mainly across our western counties. A few storms may become strong to severe, with large hail, damaging winds and deadly lightning being the main hazards.

Critical fire weather conditions are expected this afternoon and evening across Southeast New Mexico, the Guadalupe Mountains, Van Horn and the Highway 54 Corridor, and Reeves County and the Upper Trans Pecos. A Red Flag Warning is in effect.

Hazardous Weather

Red Flag Warning

Monday 1 pm to 8 pm

Weather Forecast Office

El Paso, TX

Issued April 29, 2018 4:17pm MDT



Monday

CRITICAL
FIRE
WEATHER
CONDITIONS

Red Flag Warning Monday 1 pm to 8 pm



20-foot level winds from the southwest
25 to 35 mph with gusts to 45 mph or more

Outdoor burning should not be done.

Be careful if you have to operate gas or electrical powered machinery outside.

Dry fuels already in place

Minimum RH expected
7 - 12%

Today's severe threat area from the Storm Prediction Center

National Weather Service - Lubbock, TX



Threats:

Winds:

< 58 mph

60 - 70 mph

70 - 80 mph

> 80 mph

Hail Size:

< 1"

~ 1"

1-2"

> 2"

Tornadoes:

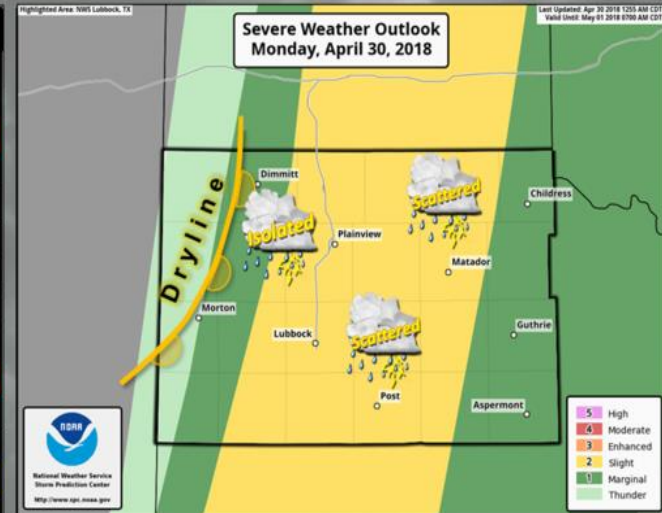
Unlikely

Possible

Likely

Flooding

Localized



See weather.gov/lubbock for the latest updates!



Facebook Twitter NWSEIPaso

Connect with us!

weather.gov/epz



weather.gov/Lubbock

Facebook NWSLubbock

Twitter @NWSLubbock

Red Flag Warning in affect all areas from 8 am to 10 pm Monday. Upper level low pressure moving through the Intermountain West, will continue to strengthen winds aloft over the region, while maintaining a lee surface trough over the eastern New Mexico plains. Efficient mix down of these winds and strong surface pressure gradients across our zones from the trough, will result in gusty southwest winds area wide Monday - Wednesday . Very high or greater fire dangers are expected for Monday. With extremely dry conditions and very low fuel moistures already in place across the region, the development of critical fire conditions is expected Monday for all areas. Critical conditions will likely continue Tuesday as well.

There is a slight risk of severe thunderstorms this afternoon and evening across portions of the South Plains and Rolling Plains. The main threats will be large hail greater than 2 inches and wind gusts of 60 to 70 mph. Isolated tornadoes may also be possible around sunset before storms dissipate before midnight.

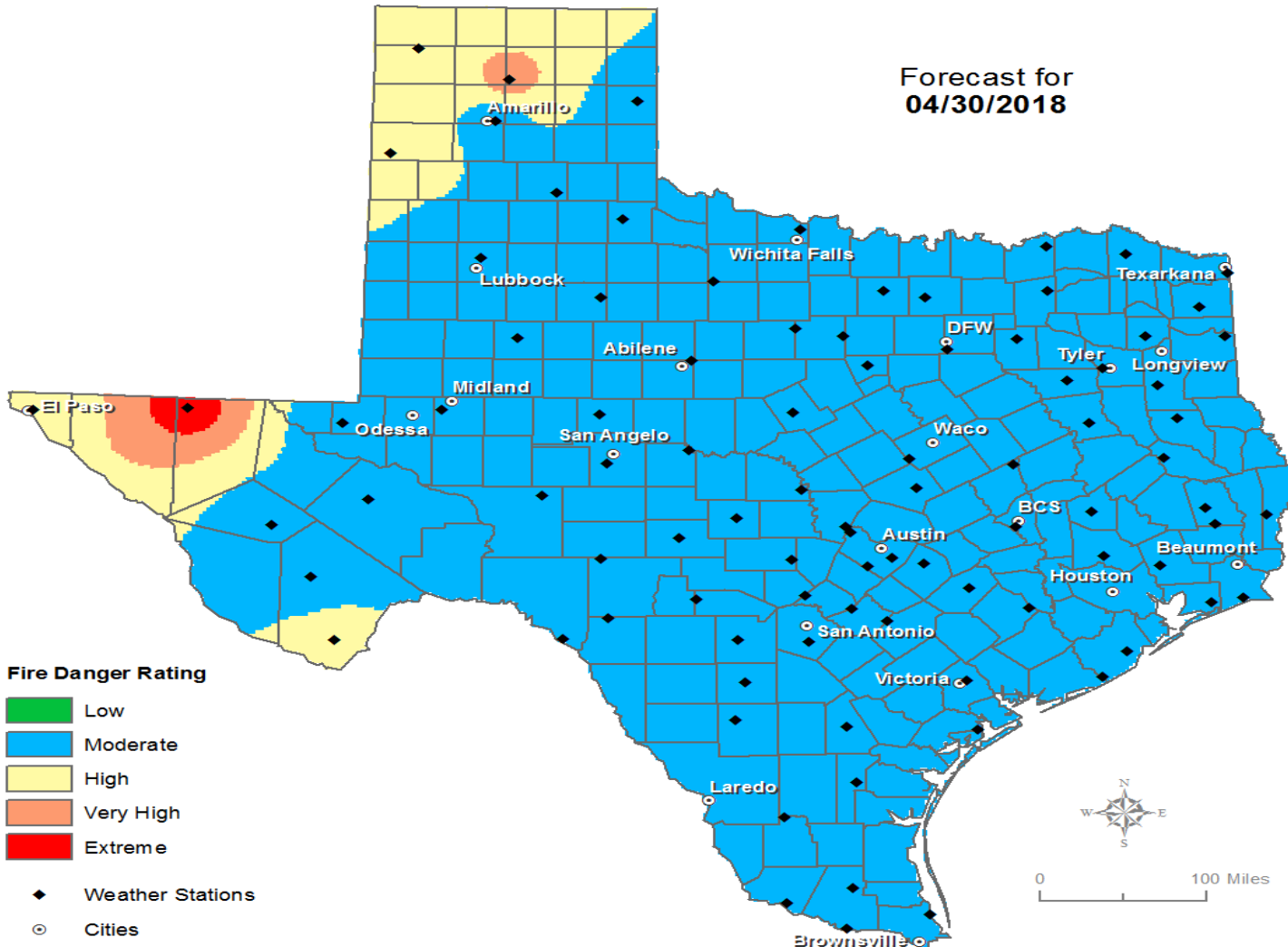
Weather Warning/Advisories Issued

| DATE | WARNING TYPE | LOCATION |
|----------|--|--|
| 04/29/18 | Flood Warning Continues | Sabine River in Newton and Orange Counties |
| 04/29/18 | Severe Thunderstorm Warning | Bailey, Brewster, Cochran, Deaf Smith, Lamb, Parmer and Pecos Counties |
| 04/29/18 | Arroyo and Small Stream Flood Advisory | Brewster and Pecos Counties |

Fire Danger Forecast

Forecast Fire Danger

Forecast for
04/30/2018



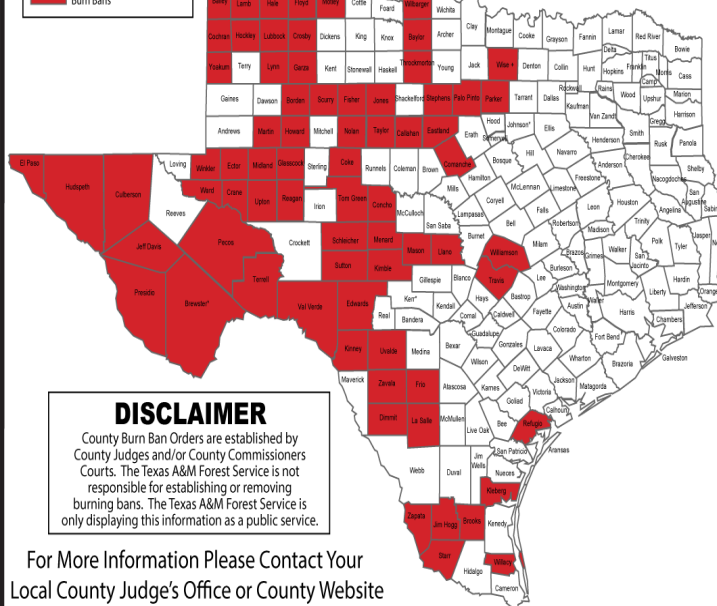
Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

April 30, 2018



Email updates to:
burnban@tfs.tamu.edu



DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your
Local County Judge's Office or County Website

RED FLAG WARNINGS: www.weather.gov

Burn Ban RSS feed available at <http://tfsfrp.tamu.edu/wildfires/BurnBan.xml>

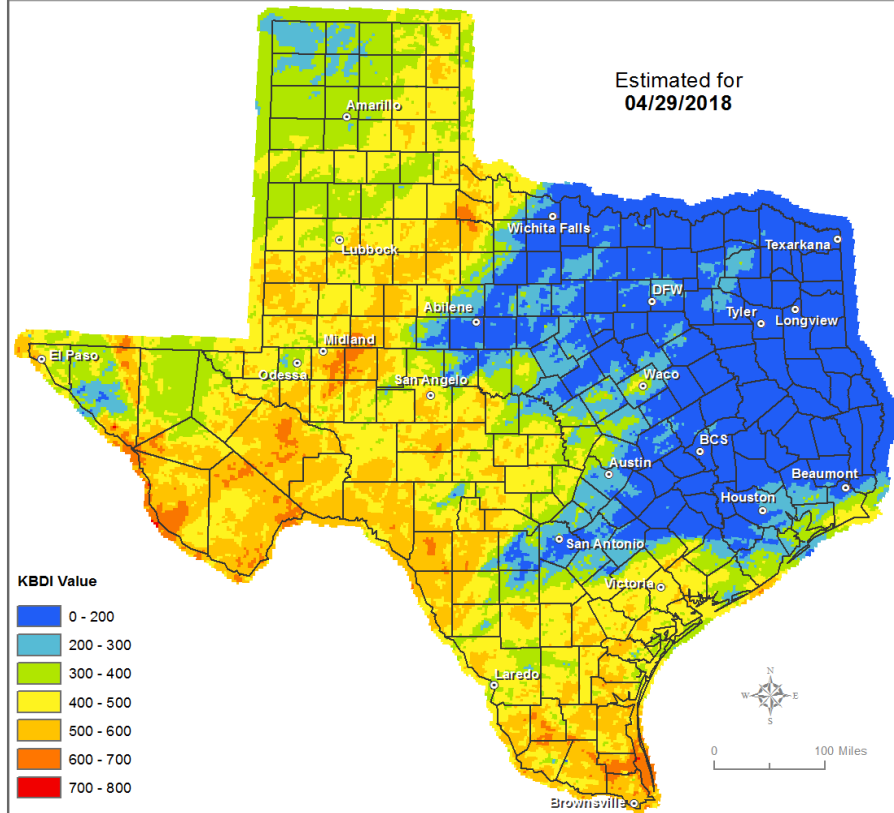
Counties with Burn Bans: 98

Armstrong
Bailey
Baylor*
Borden
Brewster
Briscoe
Brooks
Callahan
Carson
Castro
Childress
Cochran
Coke
Collingsworth
Comanche
Concho
Crane
Crosby
Culberson
Dallam
Deaf Smith
Donley
Dowdy
Eastland
Ector
Edwards
El Paso
Fisher
Floyd
Frio
Garza
Glasscock
Gray
Hale
Hall
Hansford
Hartley
Hemphill
Hockley
Howard
Hudspeth
Hutchinson
Jeff Davis
Jim Hogg
Jones
Kimble
Kleberg
Kinney
La Salle
Lamb
Lipscomb
Llano
Lubbock
Lynn
Martin
Mason
Menard
Midland
Moore
Motley
Nolan
Ochiltree
Oldham
Palo Pinto
Parker
Parmer
Pecos
Potter
Presidio
Randall
Reagan
Refugio
Roberts
Schleicher
Scurry
Sherman
Starr
Stephens
Sutton
Swisher
Taylor
Terrell
Throckmorton
Tom Green
Travis
Upton
Uvalde
Val Verde
Ward
Wheeler
Wilbarger
Willacy
Williamson
Winkler*
Wise
Yoakum
Zapata
Zavala

Keetch-Byram Drought Index

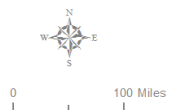
(4 km x 4 km resolution)

Estimated for
04/29/2018



KBDI Value

0 - 200
200 - 300
300 - 400
400 - 500
500 - 600
600 - 700
700 - 800



TEXAS A&M
AGRI LIFE
RESEARCH

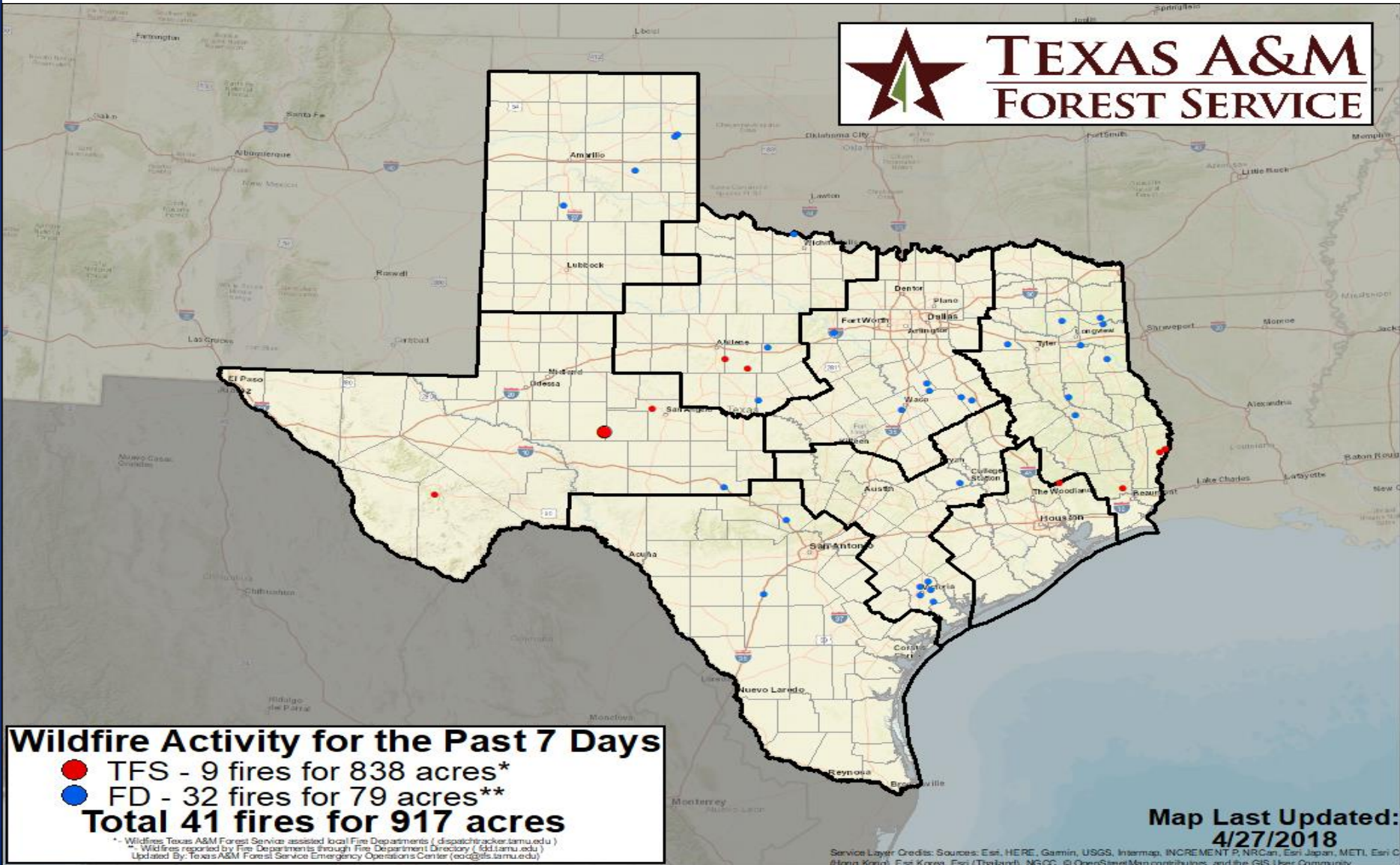
Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

TEXAS A&M
FOREST SERVICE

Fire Weather Warnings/Watches/Statements

| DATE | WARNING TYPE | LOCATION |
|----------|------------------|---|
| 04/29/18 | Red Flag Warning | El Paso, Hudspeth, Pecos and Reeves Counties |
| 04/30/18 | Red Flag Warning | Dallam, Deaf Smith, Hartley and Oldham Counties |

Reports 371 (no change) fires and 168,461 (no change) acres destroyed this year. There are 97 (no change) counties with burn bans. The Keetch–Byram Drought Index list 100 (+2) counties with an average over 400.



Training

| DATES | | TITLE | COURSE | LOCATION |
|----------|----------|--|--------|----------|
| 04/28/18 | 05/12/18 | Community Emergency Response Team (CERT) Course | G-317 | Cuero |
| 04/30/18 | 04/30/18 | HazMat Refresher Training | H-302 | Alice |
| 04/30/18 | 04/30/18 | Rapid Needs Assessment | G-557 | Roma |
| 04/30/18 | 05/01/18 | Advanced Incident Command System, Command and General Staff | G-400 | Humble |
| 04/30/18 | 05/03/18 | NFPA 1006 2013 Edition Confined Space Rescue Levels I and II Training (Pro-Board Certificates) | H-503 | Allen |

Exercises

| DATE(S) | | AGENCY/LOCATION | EXERCISE |
|----------|----------|---|---|
| 04/30/18 | 04/30/18 | City of San Marcos/ San Marcos | Tabletop: Operation Rising Waters |
| 05/01/18 | 05/01/18 | SETRAC/Houston | Functional: Operation Crazy Train |
| 05/01/18 | 05/02/18 | Texas Department of State Health Services/ Bay City | Full Scale/Tabletop: STP Ingestion Pathway Exercise, Dress Rehearsal & Federal Outreach |
| 05/01/18 | 05/03/18 | Texas Division of Emergency Management/San Antonio | Seminar: DPS Region 3 Preparedness Seminar Series |

Statewide Significant Events

| DATE(S) | | LOCATION | EVENT |
|----------|----------|--------------|-----------------------------------|
| 04/27/18 | 05/03/18 | Houston | Houston Astros Home Baseball Game |
| 04/29/18 | 05/01/18 | Port Aransas | Texas Sand Fest |
| 04/30/18 | 05/01/18 | Tomball | Rails and Tails Mudbug Festival |